

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/001946

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B23K26/32 B23K26/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal , PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category "	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No
A	PATENT ABSTRACTS OF JAPAN vol . 1997, no. 03, 31 March 1997 (1997-03-31) & JP 08 290292 A (KOBE STEEL LTD), 5 November 1996 (1996-11-05) abstract -----	1-17
X	EP 0 444 550 A (KRUPP GMBH) 4 September 1991 (1991-09-04) the whole document -----	14,15
X	US 3 947 654 A (FAIRBAIRN THOMAS E) 30 March 1976 (1976-03-30) the whole document -----	14-16

Further documents are listed in the continuation of box C

Patent family members are listed in annex

* Special categories of cited documents

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"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

26 October 2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 08290292	A	05-11-1996	NONE			
EP 0444550	A	04-09-1991	DE	4006511 A1		05-09-1991
US 3947654	A	30-03-1976	NONE			